

INFORMATION DISCLOSURE			ATTY. DOCKET NO. A-63915/RMS	SERIAL NO. 08/873,601
CITATION			APPLICANT NOLAN, et al.	
	1	PTO-1449	FILING DATE June 12, 1997	GROUP 1211
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)				
)/98 	Α	ROESSNER, et al., "Achieving natural product synthesis and diversity via catalytic networking ex vivo," Chemistry & Biology 3(5):325-330 (1996).		
	В	WONG, et al., "Enzymes in Organic Synthesis: Application to the Problems of Carbohydrate Recognition (Part 2)," <i>Angew. Chem. Int. Ed. Engi.</i> 34:521-546 (1995).		
L	С	ESCHENMOSER, "Vitamin B ₁₂ : Experiments Concerning the Origin of Its Molecular Structure," Angew. Chem. Int. Ed. Engi. 27:6-39 (1988).		
J.	D	SCOTT, "Genetically Engineered Synthesis of Natural Products," <i>Journal of Natural Products</i> 57(5):557-573 (1994).		
	E	SCOTT, "Towards the genetically engineered synthesis of natural products," <i>Chemistry & Biology</i> Introductory issue (1994).		
	F	ROESSNER, et al., "Genetically engineered synthesis of precorrin-6x and the complete corrinoid, hydrogenobyrinic acid, an advanced precursor of vitamin B ₁₂ ," Chemistry & Biology 1:119-124 (1994).		
	G	WIESMANN, et al., "Polyketide synthesis <i>in vitro</i> on a modular polyketide synthase," <i>Chemistry & Biology</i> 2:583-589 (1995).		
	Ι	FESSNER, et al., "Artificial Metabolisms for the Asymmetric One-Pot Synthesis of Branched-Chain Saccharides," <i>Angew. Chem. Int. Ed. Engi.</i> , 31(5):614-616 (1992).		
	l	Kren, et al., "A Multienzyme System for a One-Pot Synthesis of Sialyl T-Antigen," <i>Angew. Chem. Int. Ed. Engi.</i> 34(8):893-895 (1995).		
	J	SHEN, et al., "Enzymatic Synthesis of a Bacterial Polyketide from Acetyl and Malonyl Coenzyme A," Science 262:1535-1540 (1993).		
	κ	WONG, et al., "Practical Enzymatic Syntheses of Ribulose 1,5-Bisphosphate and Ribose 5-Phosphate," J. Am. Chem. Soc. 102:7938-7939 (1980).		
	L	ROESSNER, et al., "Overexpression in <i>Escherichia coli</i> of 12 Vitamin B ₁₂ Biosynthetic Enzyme," <i>Protein Expression and Purification</i> 6:155-163 (1995).		
	М	MARUMO, et al., "Enzymatic synthesis and isolation of thymidine diphosphate-6-deoxy-D-xylo-4-hexulose and thymidine diphosphate-L-rhamnose," <i>Biochem.</i> 204:539-545 (1992).		
	N	LINDQVIST, et al., "in vitro synthesis of CDP-D-abequose using Salmonella enzymes of cloned rfb genes," Eur. J. Biochem. 225:863-872 (1994).		
	0	ROESSNER, et al., "Expression of 9 Salmonella typhimurium enzymes for cobinamide synthesis," FEBS LETTERS 301(1):73-78 (1992).		
	Р	GONZALEZ, et al., "Design of A Reusable Enzymatic System for the Preparation of Porphyrins of Biological Interest," <i>Bioorganic & Medicinal Chemistry Letters</i> 4(5):743-746 (1994).		
()	DUGGAN, et al., "Enzymatic Synthesis of (6R)- and (6S)-Fluoroshikimic Acids," Bioorganic & Medicinal Chemistry Letters 5(20):2347-2352 (1995).			
EXAMINER DATE CONSIDERED				19V